SIEMENS

ARCADIS Avantic

SP

Software

System

Software Installation

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Table of Contents 3

1 General Information 5

Reboot, Restart und Shutdown . . . 6
Preparing Shutdown . . . 7
Network . . . 8
Required Documents . . . 9

2 Imaging Software Installation 10

Installation Prerequisites . . . 10
General Information . . . 10
Network . . . 10
Entering and Saving Data . . . 11
Service key . . . 11
BIOS password . . . 11
Computer name . . . 11
Administrator password . . . 11
Static route . . . 11
Backup . . . 11
Burning log files to CD . . . 11
Starting Installation . . . 13
BIOS CD . . . 13
BIOS CD installation . . . 14
Installation CD 1 . . . 16
Installation CD 2 . . . 20
Backup available . . . 22
Restore . . . 22
Country-specific keyboard layout and user interface . . . 23
Text editor . . . 23
Help/Documentation . . . 24
No Backup Available . . . 25
Configuration . . . 26
Text editor . . . 26
Help/Documentation . . . 27

3 Main System 28

Installation . . . 28
Importing the main system software . . . 28

4 Test Images 32

Test Images . . . 32

5 Printer Software Installation 33

General Information . . . 33
Sony printer installation via USB . . . 33

6 Backup & Restore 34

Service software 35
Open the service software 35
Backup 39
Backup 39
Restore 44
Selecting the storage medium 44
SW settings02 47
ASPIA settings 50
Exam set 51
Security settings for systems with HIPAA configuration 56
Main system 57

7 Changes to Previous Version 58

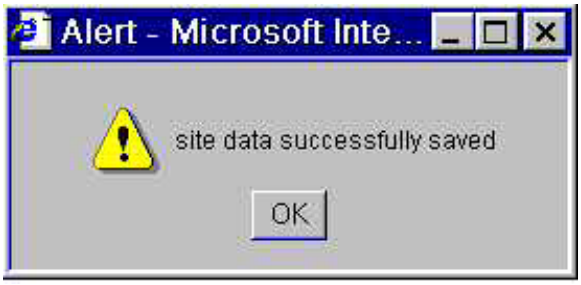
The information given here is valid for all chapters.

NOTE

- **Steps to be performed are preceded by a bullet point.**
  - **Indented text under the activity to be performed contains general information.**
    - ➪ **Results and events are preceded by an arrow.**

NOTE

Once the "Save" button has been selected in the individual screens, the message "..... successfully saved" appears following a successful save.



- **Select "OK".**

Reboot, Restart und Shutdown

NOTE

To activate changes in the system, a "shutdown" must generally be performed, i.e., the complete system must be switched off and switched back on again.

A shutdown must always be performed when configuration is complete.

If one of the following messages appears, proceed as described in the note.

NOTE

Restart

Microsoft Internet Explorer
a restart of application SW is necessary to make changes valid!
Press OK to launch restart or select Cancel
OK
Cancel

Reboot

Microsoft Internet Explorer
A reboot is necessary to make changes valid!
Press OK to start shutdown or select Cancel.
OK
Cancel

- **If one of the above windows is displayed, click "OK".**

Reboot

Alert - Microsoft Internet Explorer
The change is only valid and correctly displayed after reboot!
Use only home button of service ui to start shutdown and make new hostname valid.
OK

- **If this window is displayed, click on "OK".**
- **Click on "Home".**

Preparing Shutdown

NOTE

if a restart or reboot was started, a window displaying the following can appear:

“Preparing system reboot .....

This activity may take more than 5 minutes.

“Please don’t click or hit any key.”

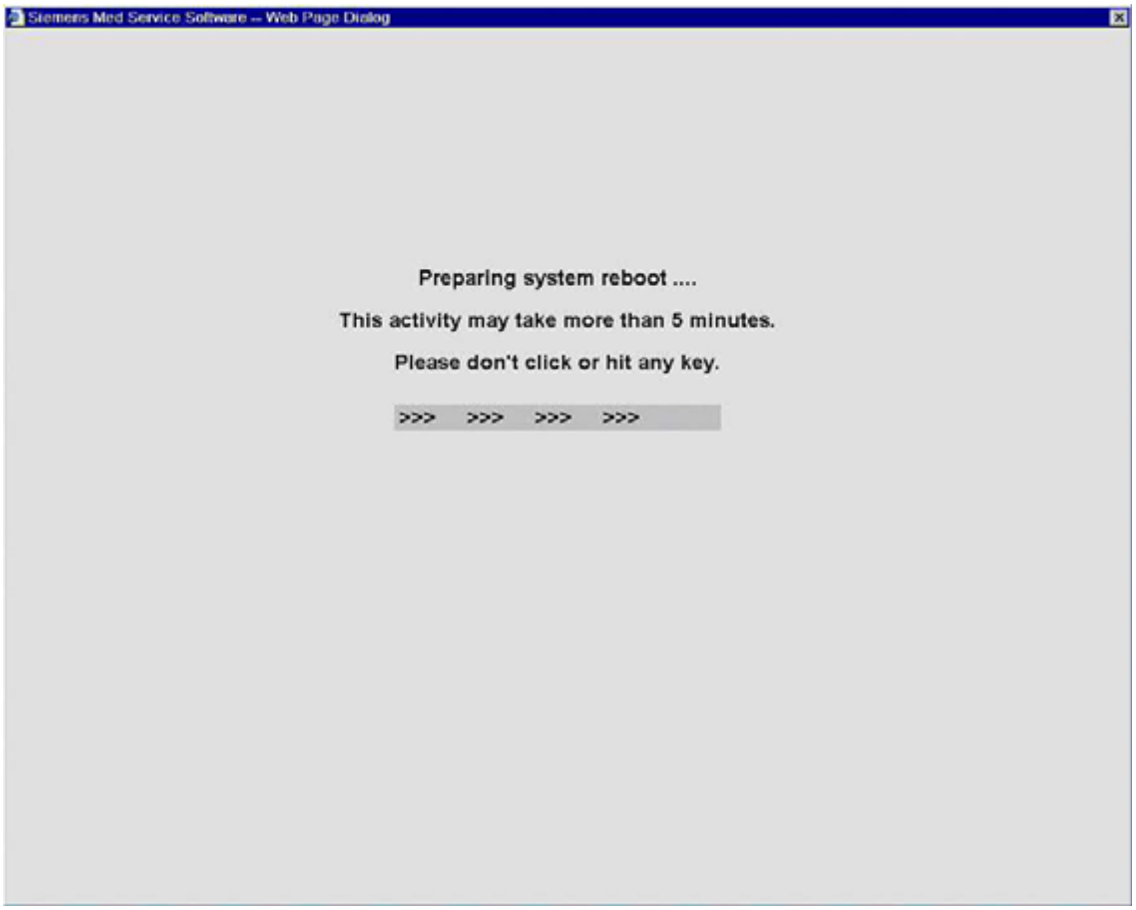

Siemens Med Service Software -- Web Page Dialog
Preparing system reboot ....
This activity may take more than 5 minutes.
Please don't click or hit any key.
>>> >>> >>> >>>

Fig. 1: Restore_reboot_preparing

NOTE

During the time this window is displayed, no operations may be performed on the imaging system, nor may it be shut off.

Network

NOTE

The system has to be physically disconnected from the network (LAN) during installation until a computer name and a valid IP address have been assigned.

The system can be subsequently reconnected.

NOTE

Before starting the software installation, be sure that all archiving, filming, copying and networking jobs has been completed and cleared from the respective queues.

Required Documents

Name	Print number
Password list, SP division	n.a.
Installation of Siemens Remote Services	SP00-000.816.02.xx
ARCADIS Avantic Configuration	SPR2-330.843.01.xx
Troubleshooting Guide ARCADIS	SPR2-310.840.01.xx
ARCADIS Paper Printer Installation	SPR2-310.814.03.xx

Installation Prerequisites

General Information

Monitors

- Make sure that both monitors are connected to the imaging system PC.
- Make sure that both monitors are switched on (main switch on monitor).
  - No voltage is present.

Local printer (if applicable)

- Disconnect the Sony printer from the imaging system.
  - The printer driver for this printer is subsequently installed.

USB

- Make sure that no USB memory stick is connected to the imaging system PC.
  - This would result in failure to detect the drive.

Network

NOTE

The system has to be physically disconnected from the network (LAN) during installation until a computer name and a valid IP address have been assigned.

The system can be subsequently reconnected.

NOTE

Before starting the software installation, be sure that all archiving, filming, copying and networking jobs has been completed and cleared from the respective queues.

Entering and Saving Data

Service key

- Record the service key .....
  - It can be found, for instance, in the system binder.

BIOS password

- Record the BIOS password .....
  - This is listed in the knowledge base password list.

Computer name

- Record the computer name.....
  - It can be found in the service software under Configuration/Local host/TCP IP LAN/Computer name.

Administrator password

- Assign and record the administrator password .....
  - The password is assigned in the service software under Configuration/Local host/Users.

Static route

- The static route for SRS (Siemens Remote Service) is automatically saved in the backup when using ARCADIS Avantic imaging system software.

Backup

- Perform a backup as described in the "Backup & Restore" chapter of this document.

Burning log files to CD

- Insert a blank CD.
- Select "Event log".

- In the upper command line, click "Burn log files".
  - ➪ This generates the log files.
  - ➪ This saves all files located in the extract folder on CD-ROM.
- Remove the CD from the CD-ROM drive and label it.

Starting Installation

BIOS CD

NOTE	**Under no circumstances may the system be switched off during BIOS installation. If the system is switched off, follow the instructions below:**

Procedure in case the BIOS installation is aborted

- Press the "Reset" key on the monitor carriage using a pin-shaped object.
  - See picture below.

Fig. 2: BIOS reset key

- Switch the system back on using the main switch on the monitor carriage.
- Switch on the imaging system PC using the power button on the front side of the PC.
- Start again with "Start the BIOS Installation".

BIOS CD installation

Starting BIOS installation

NOTE **Perform each of the following tasks precisely as described, otherwise errors will result in the installation.**

- Restart the system.
- As soon as text is displayed on the monitor, press the "F2" key on the keyboard.
  - The BIOS menu is displayed.
- Enter the BIOS password.
  - This password can be found in the password list of the knowledge base.
- Press the "Enter" key.
- Press the "F9" key on the keyboard.
  - This activates the BIOS default values.
    - ➪ The following is displayed:
      "Setup confirmation
      Load default configuration now?"
- Ensure that "Yes" is selected.
- Press the "Enter" key.
- Press the "Escape" key on the keyboard.
  - ➪ The following is displayed:
    "Save changes & exit
    Discard changes & exit
    Get default values
    Load previous values"
- Select "Save Changes & Exit".
- Press the "Enter" key.
  - ➪ The following is displayed:
    "Setup confirmation
    Save configuration changes and exit now?"
- Open the CD-ROM drive of the PC.
- Insert the BIOS update CD.
- Close the CD-ROM drive.
- Make sure that "Yes" is selected in the Setup Configuration dialog.
- Press the "Enter" key.
  - ➪ The imaging system PC restarts.
  - ➪ The imaging system PC boots from the CD.
  - ➪ The latest BIOS version is installed.

Error-free installation

- Make sure that the following text is displayed:

  ➪ "BIOS installation done - System ready for software installation.
  Please remove BIOS CD.
  Please turn off power or reset system."

NOTE	**If the above text is displayed, the BIOS was correctly installed.**

- Remove the BIOS update CD.
- Continue with "Installation CD 1".

Defective installation

- The text below is displayed. Begin again from 'Start the BIOS installation' since no imaging system software installation can be performed.

  ➪ "BIOS installation done - HIPAA installed.
  Please remove BIOS CD.
  Please turn off power or reset system."

NOTE	**If the above text is displayed, the BIOS installation was defective.**

- Start again with "Start the BIOS Installation".

Installation CD 1

- Insert imaging system installation CD 1.
- Close the CD-ROM drive.
- Do not turn off the system.
- Perform a warm boot by pressing [CTRL] + [ALT] + [DEL] or [Strg] + [Alt] + [Entf].
  - ➪ The PC boots from the CD-ROM.
  - ➪ Information is displayed on the monitor.
  - ➪ The PC emits tones.

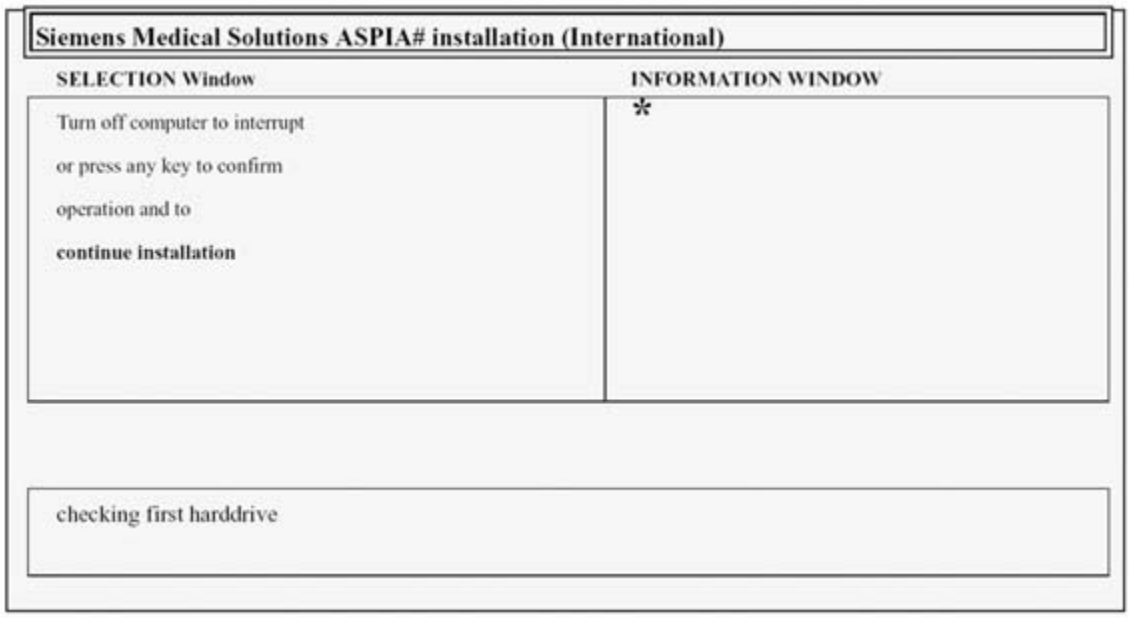


Fig. 3:

- Press the "Enter" key.
  - ➪ The PC starts automatically; information is again displayed on the monitor.
- Wait until the following image is displayed.

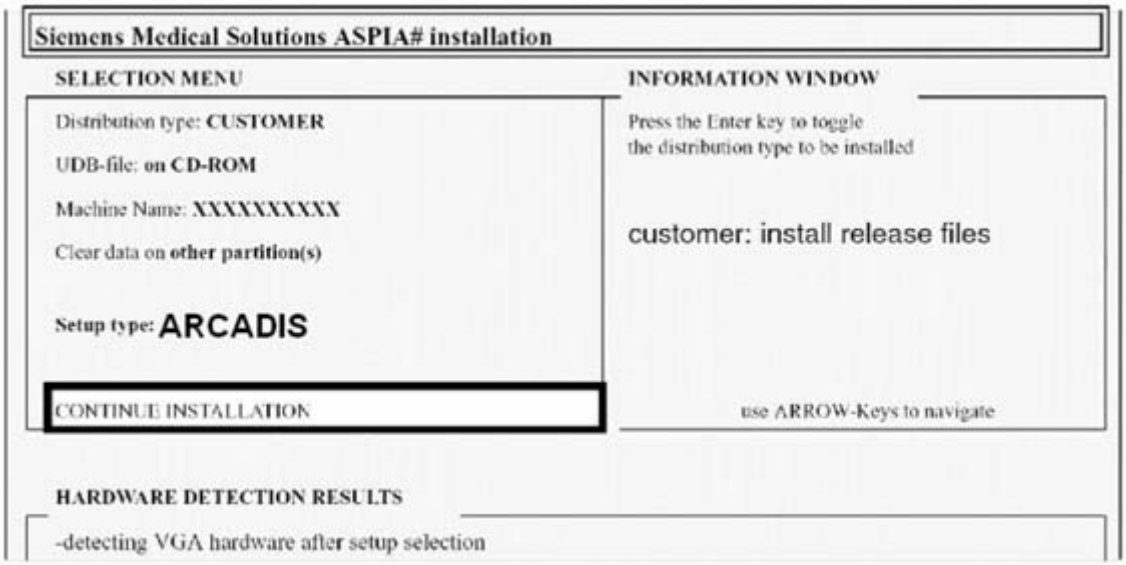


Fig. 4: Selection 2

- If you are unable to select "Machine name", start again from "Start the BIOS Installation".
- Using the arrow keys, select "Machine name".
- Press "Enter".
- Enter the previously read out computer name under "Machine name".
  - The same name as entered during configuration under Local Host/ TCP IP-LAN / Computer name should be selected.
  - If a computer name could not be read out or located in the system documentation, a name must be entered as follows:
  - If the system is part of a network:
    The computer name is provided by the responsible network administrator.
  - If the system is not part of a network:
    Enter the following name:
    For ARCADIS Avantic, ARCADISAV12345
    (Enter the system serial number for 12345).

- Press "Enter".
- Using the arrow keys, select "CONTINUE INSTALLATION".
- Press "Enter".
  - The installation files are prepared.
  - The following is displayed on the screen:

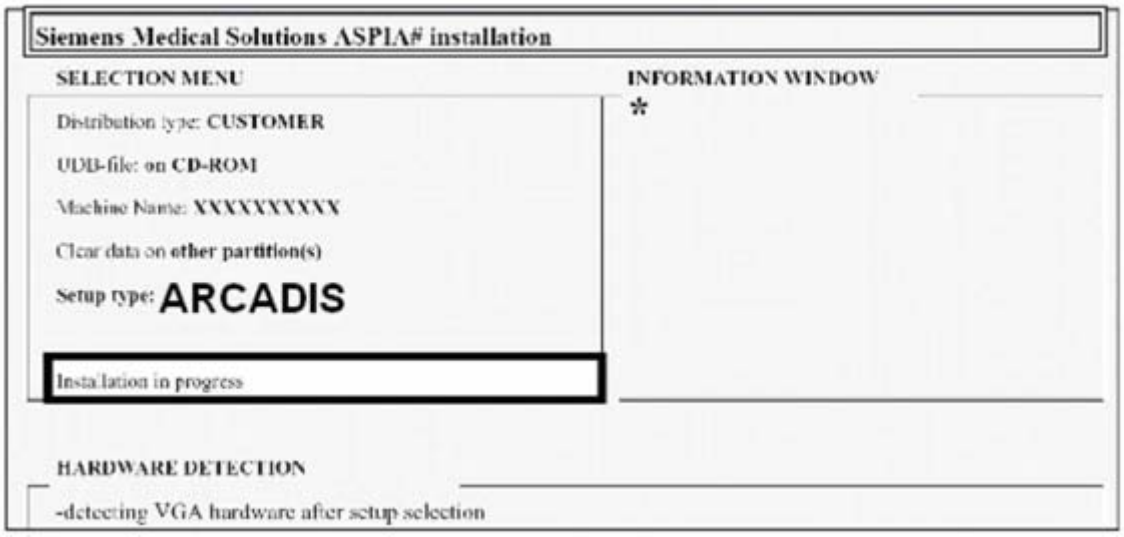


Fig. 5: Selection 3

* Information is displayed.

➪ The CD-ROM drive opens after approx. 8 minutes.

➪ The following message is displayed: "Replace the ejected CD 1 of the aspia installation CD set with the BIOS CD and close the CD-ROM drive again. This is necessary to start the BIOS update automatically from CD during the next reboot."

- Remove CD 1 from the CD-ROM drive.
- Insert the BIOS update CD into the CD-ROM drive again.
  - This changes the boot sequence, for example.
- Close the CD-ROM drive.
- Press "Enter".
  - The "Windows XP Professional setup" screen is displayed.

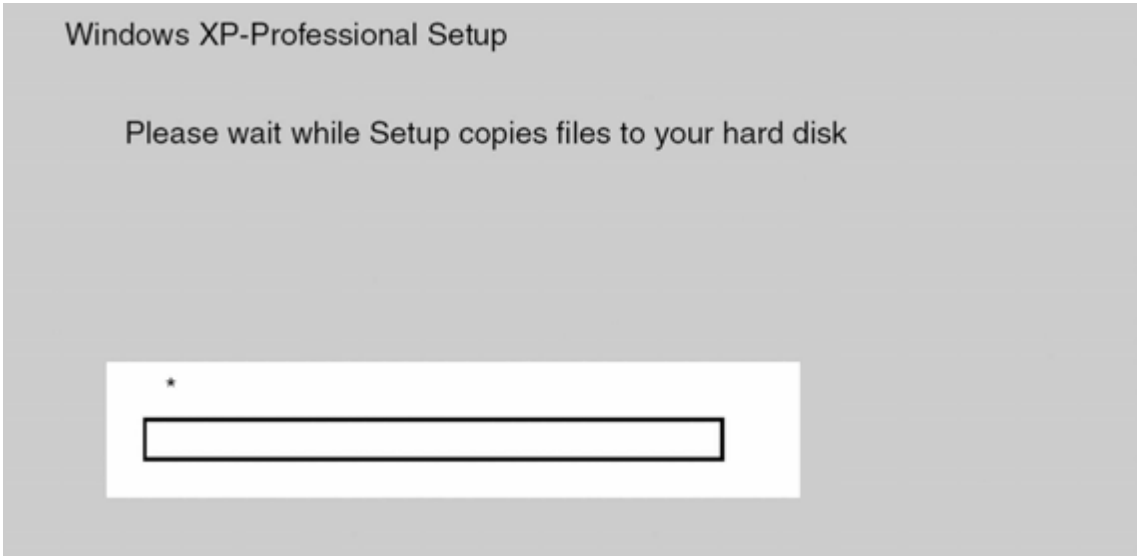


Fig. 6:

* Information is displayed.

NOTE

Various information is displayed on screen; any system requests to "confirm with OK" must be ignored.

➪ The imaging system software installation continues (approx. 6 minutes).
A reboot is subsequently performed automatically and the BIOS settings are updated.

➪ The CD-ROM drive opens automatically, and the message "BIOS installation done - HIPAA installed" is displayed.

- Remove the BIOS update CD.
- Perform a warm boot by pressing [CTRL] + [ALT] + [DEL].

NOTE

In the case of individual systems, the following message may be displayed:

“Diskpart script failed first time! Attempting and automatic retry .....”. In this case, click on "OK".

➪ The imaging system software installation continues (approx. 15 minutes).
The Windows XP installation screen is displayed, and the items listed below are automatically processed by the system.
- Installing Windows
- Finalizing installation
The time required for installation displayed by Windows is incorrect.

➪ The hard disks are formatted.

➪ Monitor settings are made.

➪ The monitors will briefly go blank.

- If a screensaver pops up, you can exit by moving the mouse.

NOTE

No manual intervention by the CSE is allowed until the monitor shows the following window with the prompt "Press any key to continue".

➪ The Windows XP interface and the Siemens Medical Solutions ASPIA ..... installation" window are displayed.

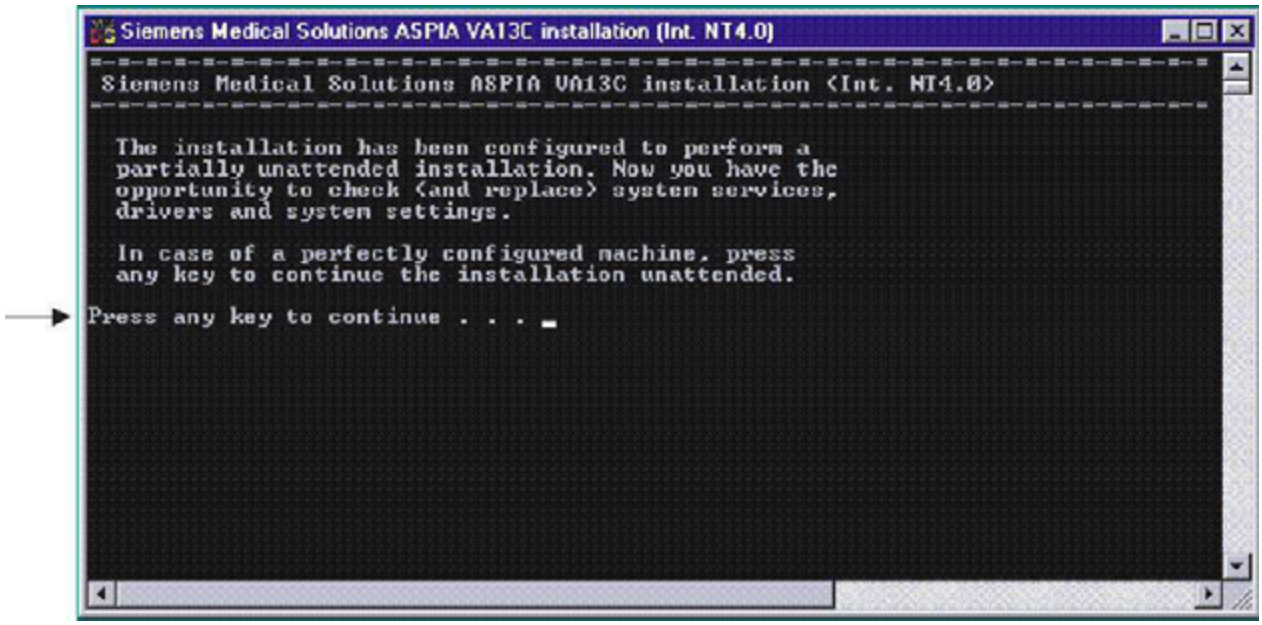

Siemens Medical Solutions ASPIA VA13C installation (Int. NT4.0)
Siemens Medical Solutions ASPIA VA13C installation (Int. NT4.0)
The installation has been configured to perform a
partially unattended installation. Now you have the
opportunity to check (and replace) system services,
drivers and system settings.
In case of a perfectly configured machine, press
any key to continue the installation unattended.
Press any key to continue . . .

Fig. 7:

- Press the "Enter" key.

Installation CD 2

- Insert imaging system installation CD 2 into the CD-ROM drive.
- Wait until the green LED of the CD-ROM drive illuminates.
- Click "Enter".
  - The system continues the installation (approx. 5 minutes).
    ➪ The following question is displayed:
    "Are there more CDs containing packages?"
- Remove the CD and close the CD drive.

- Press the "N" key.
  - ➪ The imaging system continues the installation (duration approx. 25 minutes)
  - ➪ The imaging system will perform a restart.
  - ➪ The following appears:
    "Siemens medical Solutions ASPIA ..... installation".
  - ➪ The imaging system continues with the installation.

NOTE **No manual intervention is allowed until the monitor shows the following window.**

- ➪ The following window is displayed:

Start Up Check - Microsoft Internet Explorer provided by Siemens AG Medical Solutions
File Edit View Favorites Tools Help
Back Search Favorites Media
Address C:\ASPIA\log\syngo_StartUpCheck.html
Go Links
Please enter license
Before you can start working with syngo, you need to enter a valid license key in the Local Service UI.
Click here to start the Local Service Configuration.
My Computer

Fig. 8: Starting the Local Service Configuration

Backup available

Restore

- Select "Click here to start the Local Service Configuration".
- Click "Yes" when the following question appears:

  "Internet Explorer is not currently your default browser. Would you like to make it your default browser?"
- Enter the service key in the displayed syngo screen.
- Select "Set as default".
- Confirm with "OK".
- As described in the "Backup & Restore" chapter, restore the following points to the extent possible.
  - SW settings 02
  - ASPIA settings
  - Exam set
  - Security settings (optional)

NOTE

After performing a restore operation, the system restarts.

The patient databases (local database, archive store, exchange board) are created.

(takes approx. 10 minutes).

The system must not be switched off while the patient databases are being created.

➪ The counter screen appears.

➪ When this has completed, a window appears with the following text:
"Warning: database creation in progress. This will last a long time. Wait until the patient registration dialog is open! Press any key to continue...".

- If the patient registration dialog is displayed, the window can be closed by pressing the "Enter" key.

Country-specific keyboard layout and user interface

- Select "Configuration" under "Options" on the task card.
- Double-click "Regional and Language Options".
- Select "Regional Options".
- Select the language under "Standards and formats".
  - The following languages can be selected: German (Germany), French (France), Spanish (Spain) and English (United States).
- Select "Languages".
- Click "Detail".
  - This is where the keyboard language is set.
- Under "Installed services", select the "Add" button.
  - ➪ The following is displayed: "Add input language".
- Select the desired language.
  - The following languages can be selected for the keyboard: German (Germany) or English (United States).
- Click "OK".
  - ➪ The keyboard language is displayed.
- Under "Default input language", select the desired language from the drop-down menu.
- Click "Apply".
- Click "OK".
- Click "OK".
  - ➪ The following is displayed:
    "The regional settings have been changed.
    Therefore a restart of the application is necessary.
    Do you want to restart the application now?"
- Click "OK".
  - This will apply the settings.
  - The system restarts automatically if the settings are modified.

Text editor

- Select "Options" on the task card.
- Select "Configuration".
- Double-click "Image text editor".
- Under "View name", select "XAImage".
- Click "v' to deselect "Software version".
- Click "Apply".
- Under "View name", select "ARCADISAcqView".
- Click "Customized text".

- Click "v' to deselect "Scale bar".
- Click "v' to deselect "Orientation labels".
- Click "v' to deselect "Image date".
- Click "v' to deselect "Image time".
- Click "v' to deselect "Image number".
- Click "Apply".
- Click "OK".
- Close the Configuration panel.

Help/Documentation

The "Quick Reference Guide" is imported here.

Open the service software

- Under Options, select "Service".
- Select "Local service".
- Enter the service key under "Please enter password".
- Select "Set as default".
- Click "OK".
  - The service home menu is displayed.
- Select "Configuration".
- Click "Next".
- Select "Help update".

Operator manual

- Place the "Quick Reference Guide" CD in the CD drive.
- Select the drive under "Drive".
- Select the path and file(s) under "Directory and file".
- Click "Save".
- Remove the CD and close the CD drive.
- Close the service software

No Backup Available

- Select "Click here to start the Local Service Configuration".
- Enter the service key in the displayed syngo screen.
- Select "Set as default".
- Confirm with "OK".
- Click "Configuration".
- Click "Yes" when the following question appears:

  "Internet Explorer is not currently your default browser. Would you like to make it your default browser?"
- Check whether "ARCADIS_Avantic" has been selected under "System type".
- Click "Next".

  ➪ The following is displayed:
  "System type has been changed! Save new value(s)?"
- Click "OK".

  ➪ The following is displayed:
  "Initial setup Not all configuration items were completed after installation".
- Click "Next".

  ➪ The system independently goes to the "Licensing" item.

  ➪ The following is displayed:
  "The license file does not contain any features".
- Click "OK".
- Click "Browse".
- Select the license file,

  - e.g., on the license CD.
- Click "Open".

  - The license file path is displayed.
- Click on "Import Licensefile".

  ➪ The following is displayed:
  "Are you sure you want to overwrite the existing license file?"
- Click "OK".

  ➪ "License data successfully saved" is displayed.
- Click "OK".
- Click "Save".
- Click "Next".

Configuration

- Perform the configuration according to the ARCADIS/Configuration/System document.

  This is found in the chapter “Imaging System Syngo Configuration“ starting with the point "Local host".

NOTE

If the system restarts during configuration,

the patient databases (local database, archive store, exchange board) are created.

(takes approx. 10 minutes).

The system must not be switched off while the patient databases are being created.

  - ➪ The counter screen appears.
  - ➪ When this has completed, a window appears with the following text: "Warning: database creation in progress. This will last a long time. Wait until the patient registration dialog is open! Press any key to continue..."
  - ➪ The display of the patient registration dialog signifies the conclusion of the creation of the exchange database.

- If the patient registration dialog is displayed, the window can be closed by pressing the "Enter" key.

Text editor

- Select "Options" on the task card.
- Select "Configuration".
- Double-click "Image text editor".
- Under "View name", select "XAImage".
- Click "v' to deselect "Software version".
- Click "Apply".
- Under "View name", select "ARCADISAcqView".
- Click "Customized text".
- Click "v' to deselect "Scale bar".
- Click "v' to deselect "Orientation labels".
- Click "v' to deselect "Image date".
- Click "v' to deselect "Image time".
- Click "v' to deselect "Image number".
- Click "Apply".
- Click "OK".

- Close the Configuration panel.

Help/Documentation

The "Quick Reference Guide" is imported here.

Open the service software.

- Under Options, select "Service".
- Select "Local service".
- Enter the service key under "Please enter password".
- Select "Set as default".
- Click "OK".
  - The service home menu is displayed.
- Select "Configuration".
- Click "Next".
- Select "Help update".

Operator manual

- Place the "Quick Reference Guide" CD in the CD drive.
- Select the drive under "Drive".
- Select the path and file(s) under "Directory and file".
- Click "Save".
- Remove the CD and close the CD drive.
- Close the service software

Installation

Importing the main system software

NOTE	**The main system software has to be installed only if a new main software version is available.**

- Open the service software.
- Select "Main system".
  - If the "Main System" button is not visible, check the connection between the monitor cart and the main system.

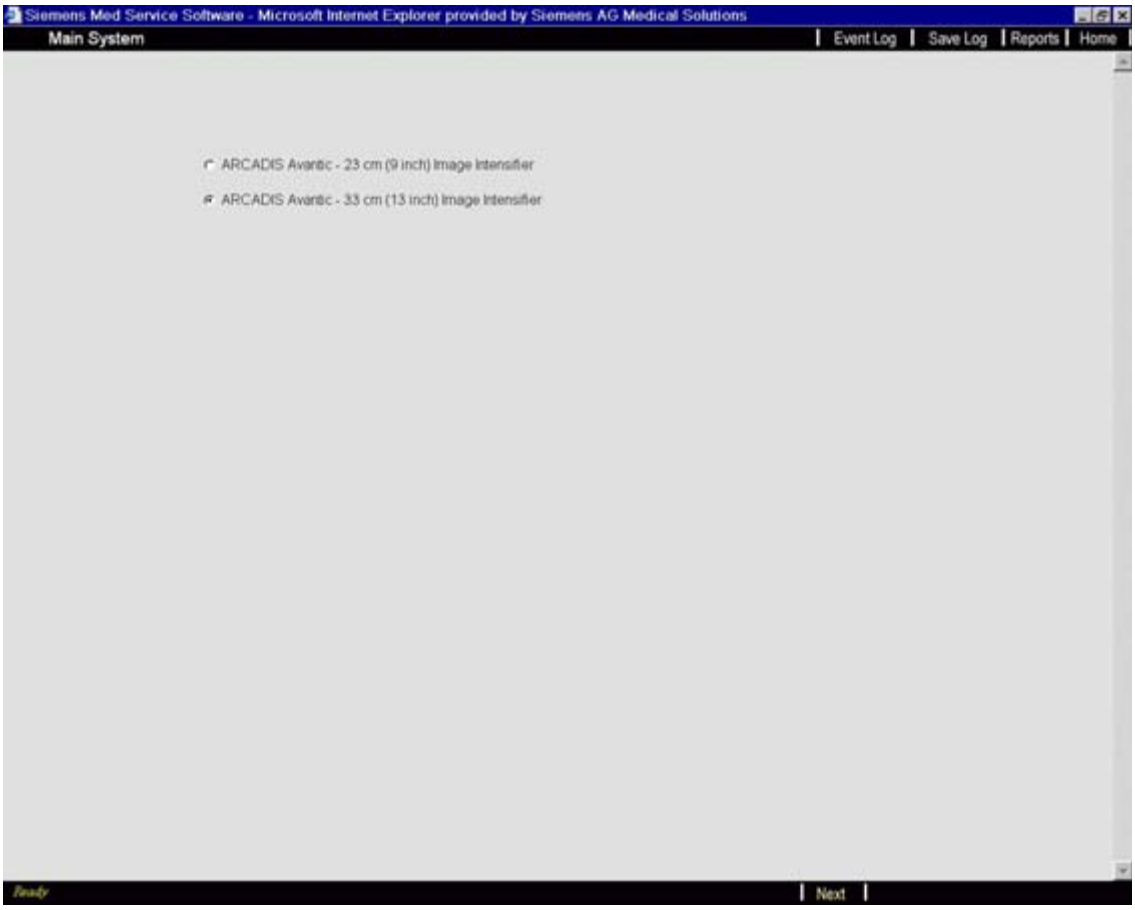

Siemens Med Service Software - Microsoft Internet Explorer provided by Siemens AG Medical Solutions
Main System
Event Log
Save Log
Reports
Home
ARCADIS Avantic - 23 cm (9 inch) Image Intensifier
ARCADIS Avantic - 33 cm (13 inch) Image Intensifier
Ready
Next

Fig. 9: Main System_1

- Select the current system
- Click "Next".

Fig. 10: Main System_2

Main system download

- Select "C-arm" under "Download".
  - The installed programs are displayed under "Current ver.".
  - For "Console" and ASPIA", no new programs can be displayed here! The display is used for information.

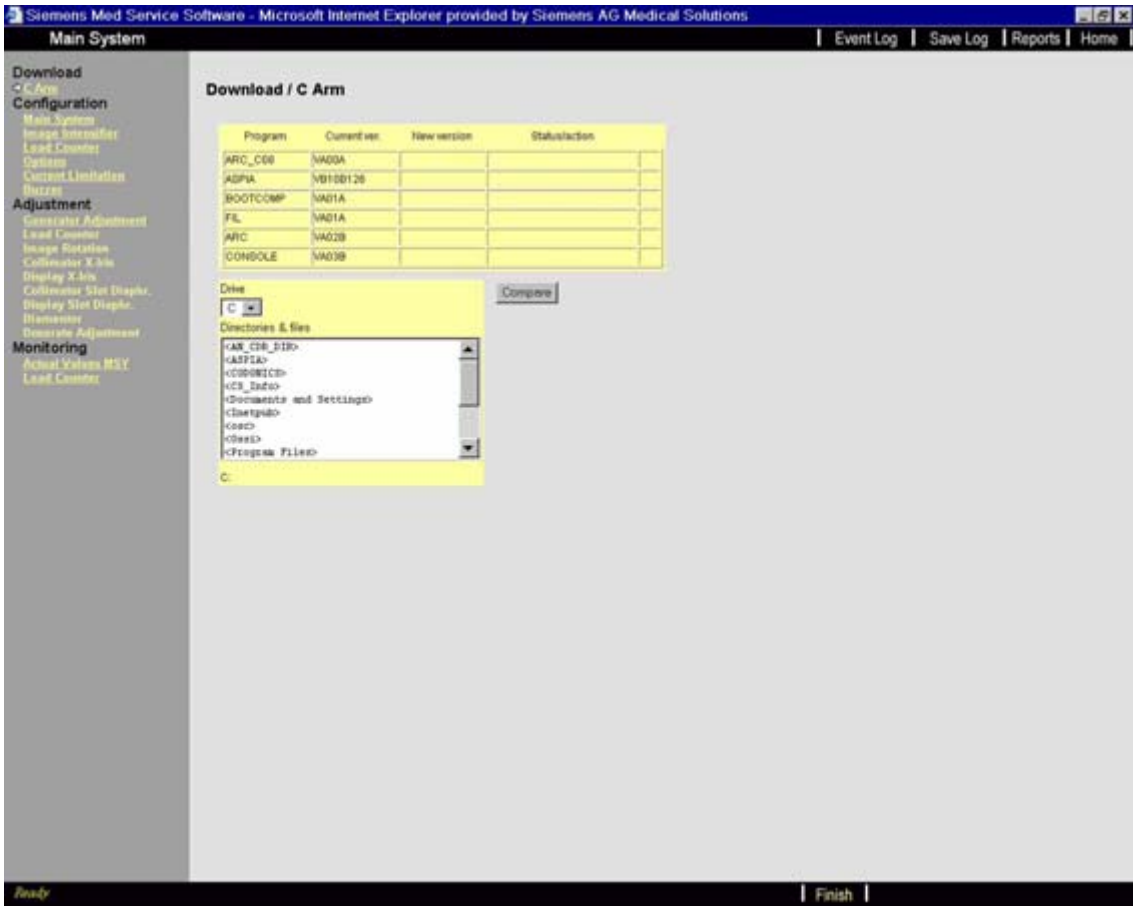


Fig. 11: Main System_Download_C Arm

- Insert the "Main system" CD in the CD-ROM drive.
- Select the appropriate CD drive under "Drive"
- Select the file to be checked, “ARC_C08..... “ under "Directories & files".
- Click “Compare”.
  - The file version is displayed under "New version”, and a recommended action (e.g., update necessary) is displayed under "Status/action”.
  - A checkmark appears automatically in the last column, if this program has to be installed again.

    Click the checkmark to remove it.
- If "Update necessary" is displayed, click "Download".
  - Only one program should be selected. Otherwise, installation problems may occur.
- Repeat the procedure as described above for the "FIL" and "ARC" files
  - After download is complete, the system automatically resets the main system.
- Click "Finish".
- Remove the CD from the CD-ROM drive.

NOTE

It is not necessary to perform a restore operation or make any adjustments after a main system software installation. The parameters are stored in the EEPROM.

A restore is required only if the D1 of the main system has been replaced.

Test Images

NOTE	**Test images are automatically loaded during installation.**
NOTE	**The "Service Patient" and corresponding images will be shown only when the "Service Home Menu" is open.**

General Information

NOTE

This point is only important when a local printer is connected to the system.

NOTE

Local printer, PostScript printer

These printer types are not approved for diagnostic purposes.

Notify the responsible personnel about this limitation.

Sony printer installation via USB

NOTE

The Sony printer may not be connected to the PC during imaging system software installation.

NOTE

Install the Sony printer in accordance with "ARCADIS/Orbic Paper Printer Installation SPR2-310.814.03.xx.xx".

NOTE

A backup must be created following software installation, every software update, and every system adjustment.

- Create a backup as described below.

Service software

Open the service software

Fig. 12: C06_5_01

- Select "Service" under “Options”.

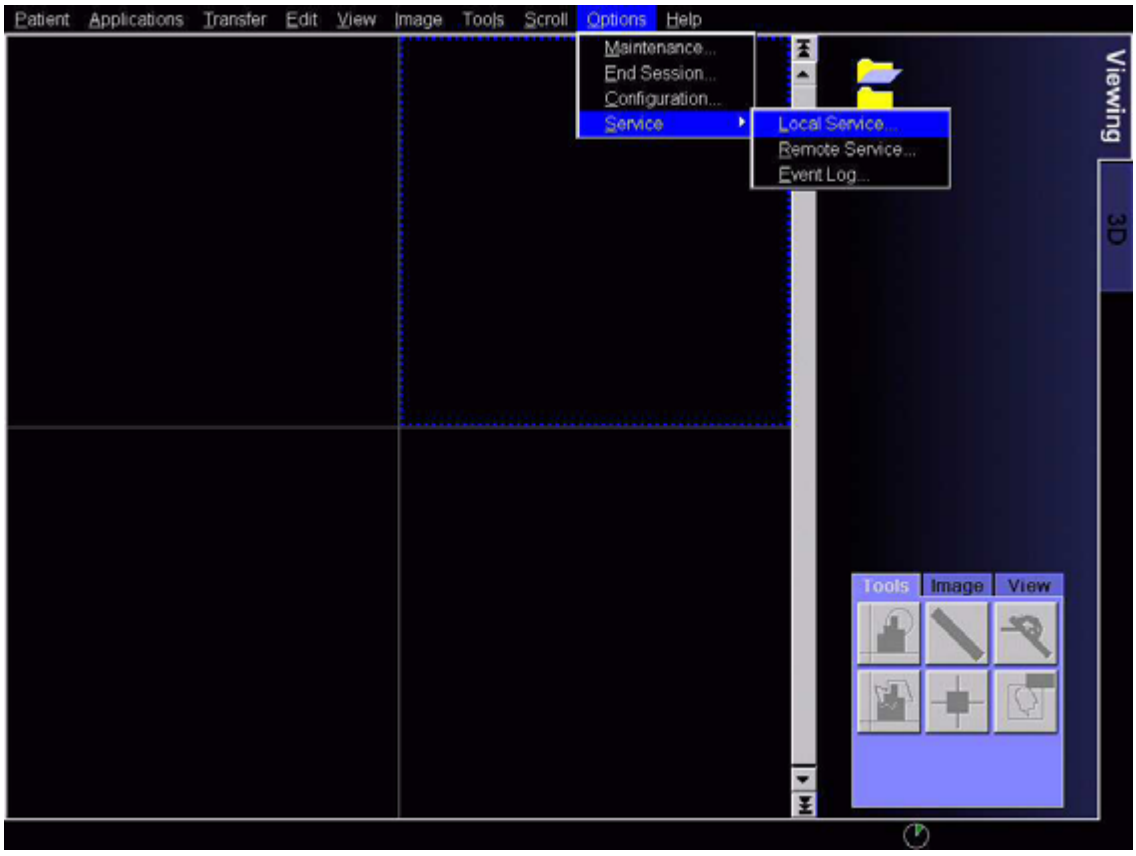


Fig. 13: C06_5_02

- Select "Local service"

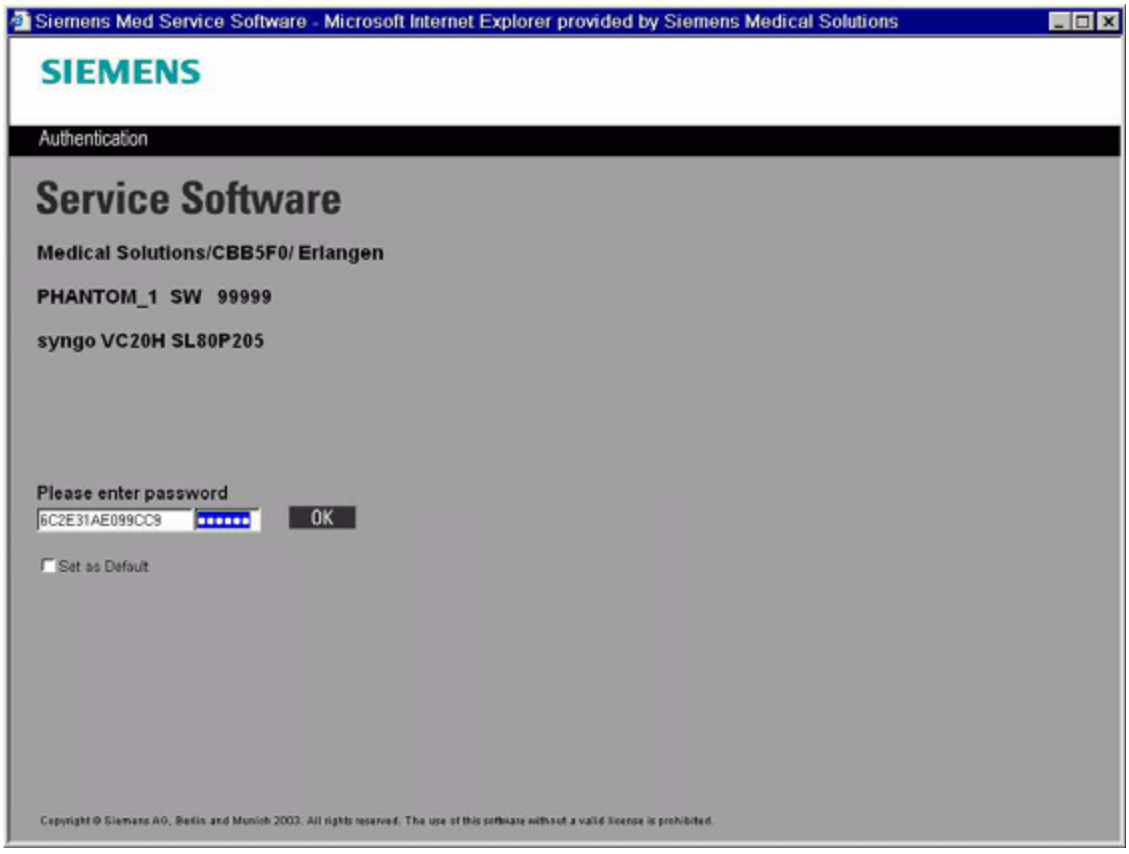


Fig. 14: C06_5_03

- Enter the service key under "Please enter password".
- Select "Set as default".
- Confirm with "OK".
  - ➪ The “Home menu” is displayed.

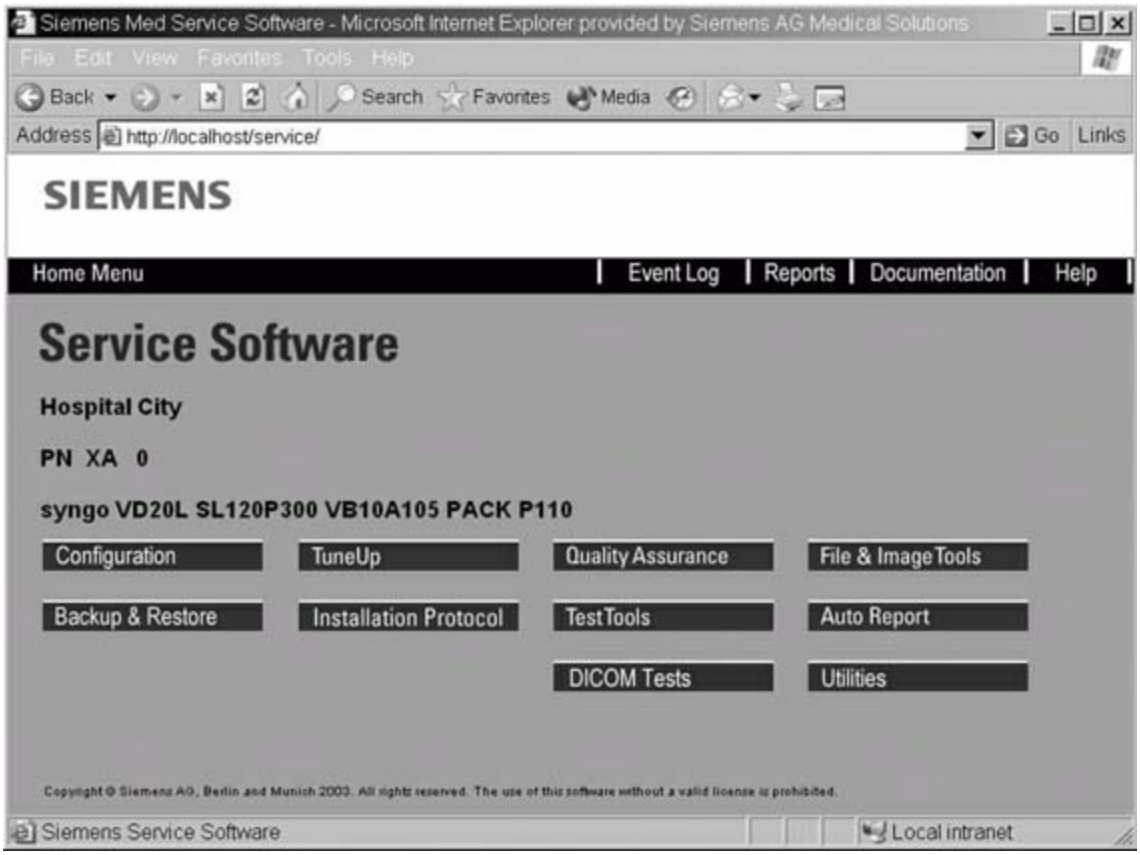


Fig. 15: Home Menu

Backup

NOTE	**A backup must be created after software installation, software update or system adaptation.**

Backup

- Select "Backup & Restore" in the “Service software home menu”
- Insert the backup CD into the CD-ROM drive.

Fig. 16: Backup & Restore >> Command

- Under “Command”, select "Backup”.

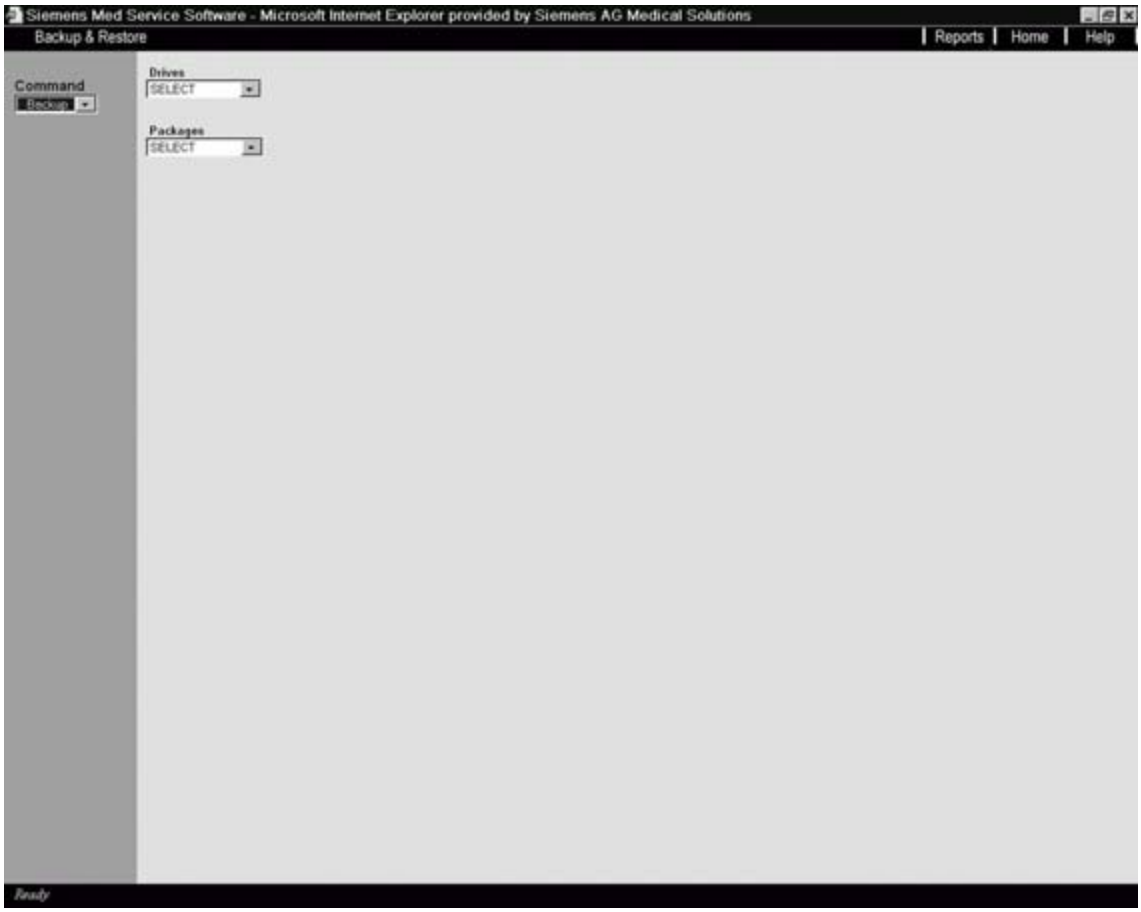


Fig. 17: Backup & Restore >> Command >> Backup

- Select the appropriate drive under “Drives”.
  - Save to CD-ROM (standard save).

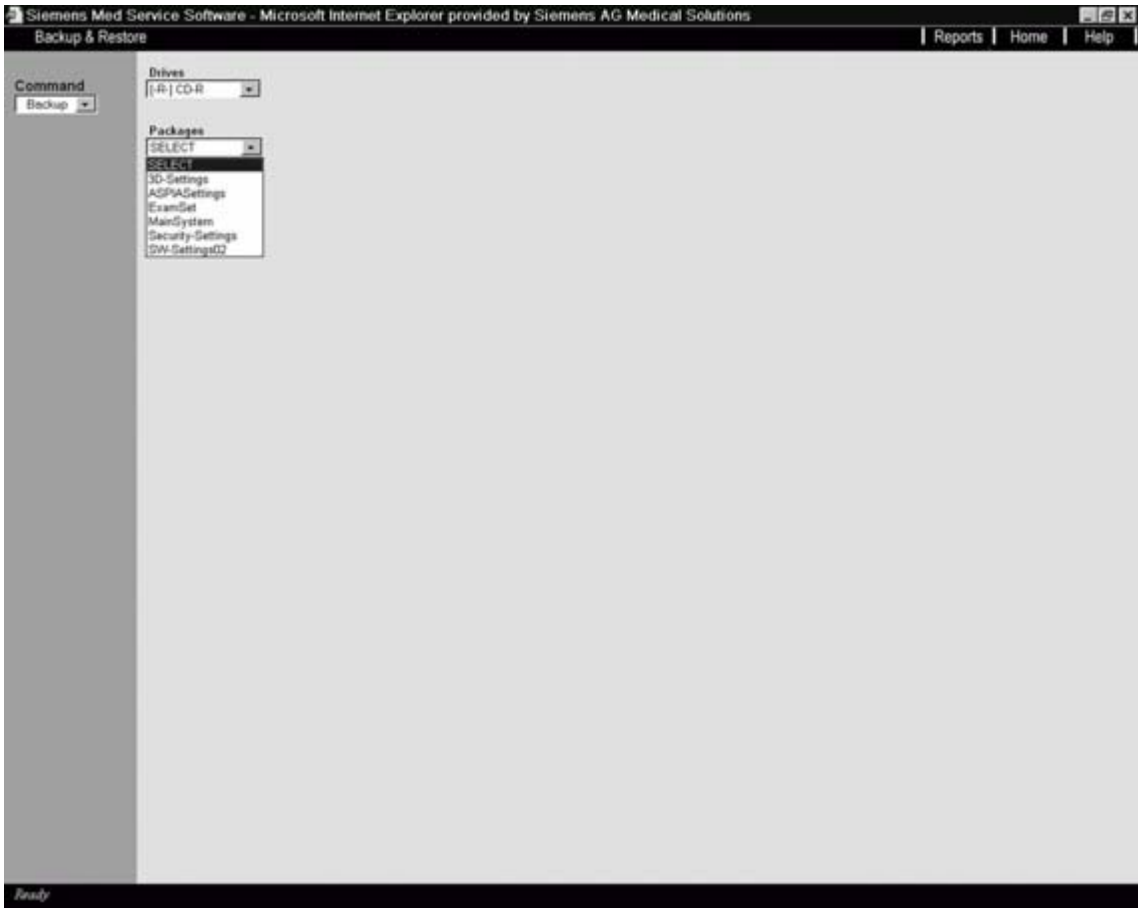


Fig. 18: Backup & Restore >> Command >> Backup >> Packages

SW settings02

- Select “SW-Settings02” under Packages.
- Click “Go”.
  - ➪ The backup is created.
- Wait until "Ready” is displayed in the footer.
  - ➪ The CD ROM drive opens automatically.

Fig. 19: Backup & Restore >> Command >> Backup >> SW-Settings02

ASPIA settings

- Select “ASPIASettings” under Packages.
- Click "Go".
  - ➪ The CD ROM drive closes automatically.
  - ➪ The backup is created.
- Wait until "Ready” is displayed in the footer.
  - ➪ The CD ROM drive opens automatically.

Exam set

- Select “ExamSet” under Packages.
- Click "Go".
  - ➪ The CD ROM drive closes automatically.
  - ➪ The backup is created.
- Wait until "Ready” is displayed in the footer.
  - ➪ The CD ROM drive opens automatically.

Security settings for systems with HIPAA configuration

- Select “Security-Settings” under Packages.
- Click "Go".
  - ➪ The CD ROM drive closes automatically.
  - ➪ The backup is created.
- Wait until "Ready” is displayed in the footer.
  - ➪ The CD ROM drive opens automatically.

Main system

- Select “MainSystem” under Packages.
- Click "Go".
  - ➪ The CD ROM drive closes automatically.
  - ➪ The backup is created.
- Wait until "Ready” is displayed in the footer.
  - ➪ The CD ROM drive opens automatically.

Exiting backup

- Close the window via “Home”.
- Remove the backup CD-ROM.
- Store the CD-ROM with the system documents.

NOTE	**It is not possible to back up the database (patient images)!** **Save the patient images to the archive.** **Saving to CD-ROM as a long-term archive is prohibited.**

Restore

NOTE

Generally backups from one system cannot be imported to another system.

Exceptions are

- “User defined Exam Sets” and

- "Security Settings" if HIPAA has been configured on both systems.

NOTE

Follow this sequence for the individual restore groups:

1. "SW-Settings02”

2. “ASPIA settings”

3. "ExamSet”

4. "Security Settings”

5. "MainSystem"

Individual groups can also be imported.

However, you must adhere to the sequence above.

For example:

1. “ASPIA settings”

2. "ExamSets”

NOTE

The Examination Set Editor may not be opened.

Selecting the storage medium

- Select "Backup & Restore" in the “Service software home menu”

- Insert the backup CD into the CD-ROM drive.

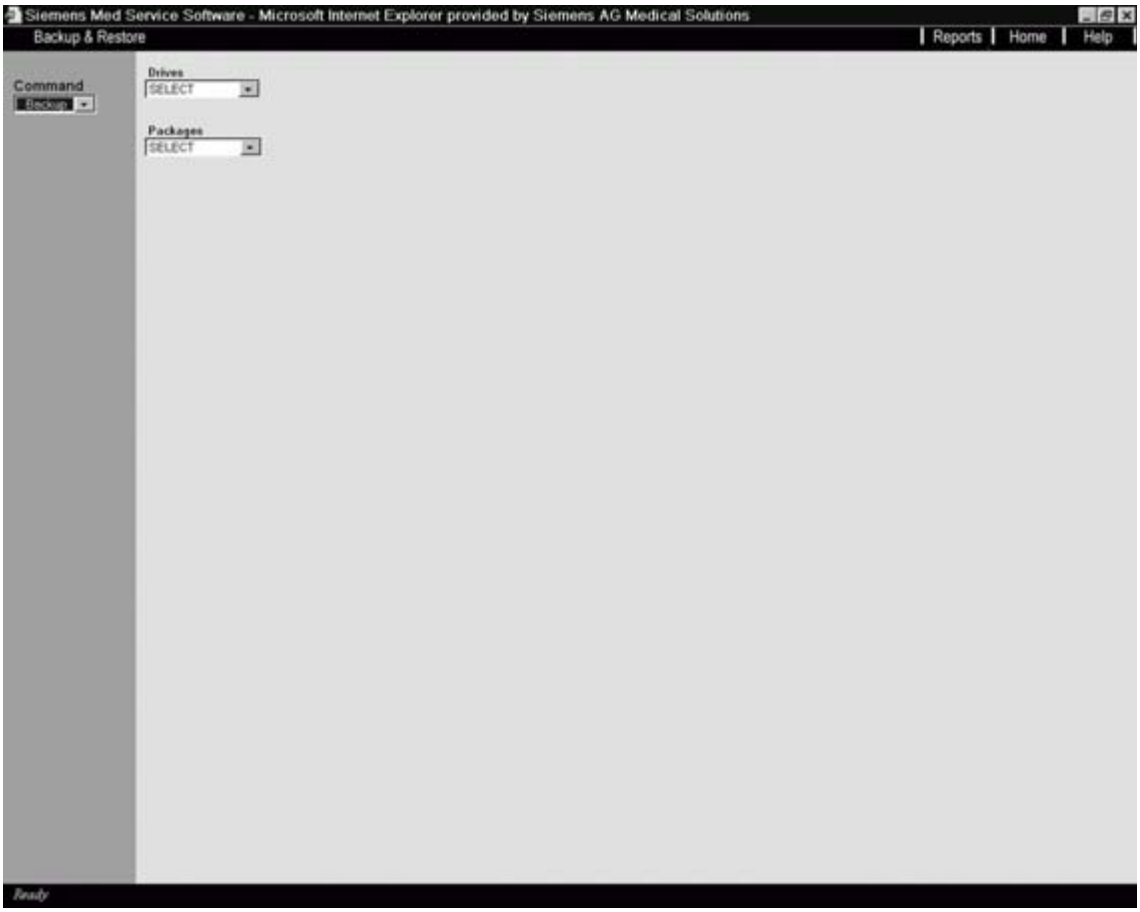


Fig. 20: Backup & Restore >> Command >> Backup

- Under “Command”, select "Restore”.

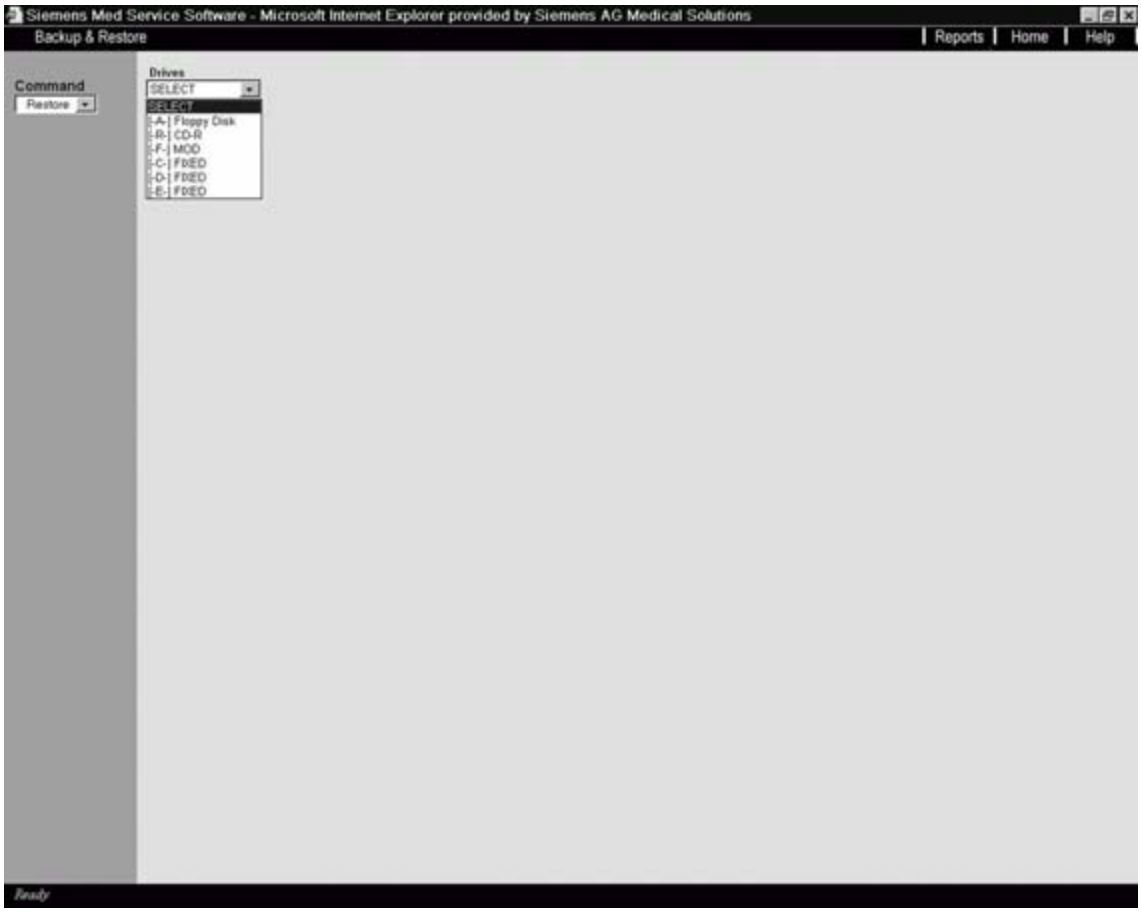


Fig. 21: Backup & Restore >> Command >> Restore >> Drives

- Select the appropriate storage medium under “Drives”.

SW settings02

Fig. 22: Backup & Restore >> Command >> Restore >> Archive

- Under Archive, select the correct (newest) backup file of “SW-Settings02”.

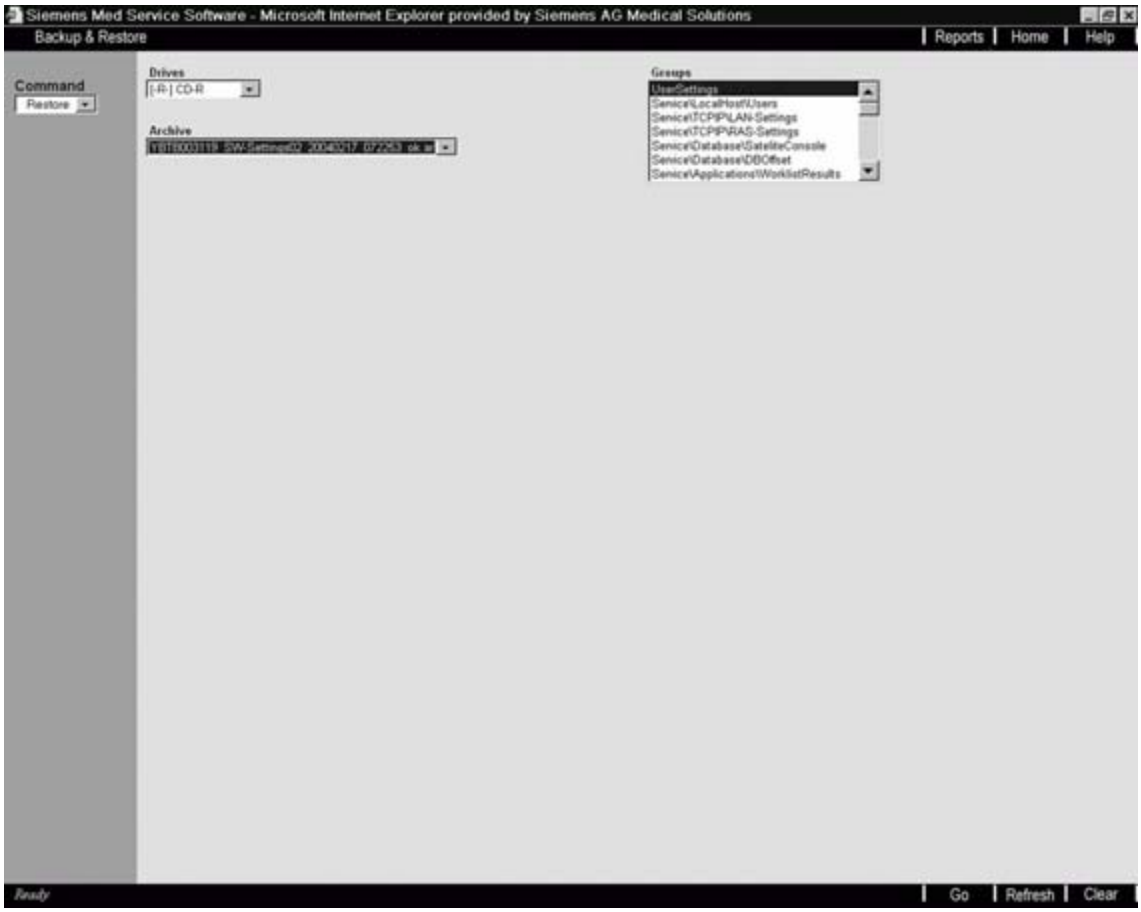


Fig. 23: Backup & Restore >> Command >> Restore >> Groups

- Highlight all the files in “Groups”.
  - e.g., by pressing the “Ctrl” key and clicking the individual groups.
- Click “Go”.
  - ➪ The restore is performed.
- Wait until "Ready” is displayed in the footer.
  - This can take several minutes.
    - ➪ The following window appears:

Microsoft Internet Explorer
A reboot is necessary to make changes valid!
Press OK to start shutdown or select Cancel.
OK
Cancel

Fig. 24: Restore_reboot

- Remove the CD from the CD-ROM drive.

NOTE

If the CD is not removed from the CD-ROM drive, there is a possibility that the system will no longer recognize the CD drive.

If this is the case, remove the CD, switch the system off, and then switch it on again.

- Click "OK".
  ➪ The imaging system reboots automatically.

ASPIA settings

- Select "Backup & Restore" in the Service Software Home Menu.
- Insert the backup CD into the CD-ROM drive.
- Under "Command", select "Restore".
- Under Drives", select the respective storage medium.
- Under Archive, select the correct (newest) backup file of "ASPIASettings".
- Highlight all the files in "Groups".
  - e.g., by pressing the "Ctrl" key and clicking the individual groups.
- Click "Go".
  ➪ The restore is performed.
- Wait until "Ready" is displayed in the footer.
  - This can take several minutes.
    ➪ The following window appears:

Microsoft Internet Explorer
A reboot is necessary to make changes valid!
Press OK to start shutdown or select Cancel.
OK
Cancel

Fig. 25: Restore_reboot

- Remove the CD from the CD-ROM drive.

NOTE

If the CD is not removed from the CD-ROM drive, there is a possibility that the system will no longer recognize the CD drive.

If this is the case, remove the CD, switch the system off, and then switch it on again.

- Click "OK".
  ➪ The imaging system reboots automatically.

Exam set

There are 2 variations for importing ExamSets.

NOTE **To ensure proper importing of the examination sets, the examination set editor must be closed.**

NOTE **Version 1 and version 2 show the procedure to be used in normal cases.**

All other possible variations can be carried out only upon instruction of the central office and are described separately as required.

Version 1: Importing or updating complete user-defined exam sets

- Select "Backup & Restore" in the Service Software Home Menu.
- Insert the backup CD into the CD-ROM drive.
- Under "Command", select "Restore".
- Under Drives", select the respective storage medium.
- Under Archive, select the correct (newest) backup file of "ExamSet".
- Highlight "User Defined ExamSets" and " Filter_Files" under "Groups".

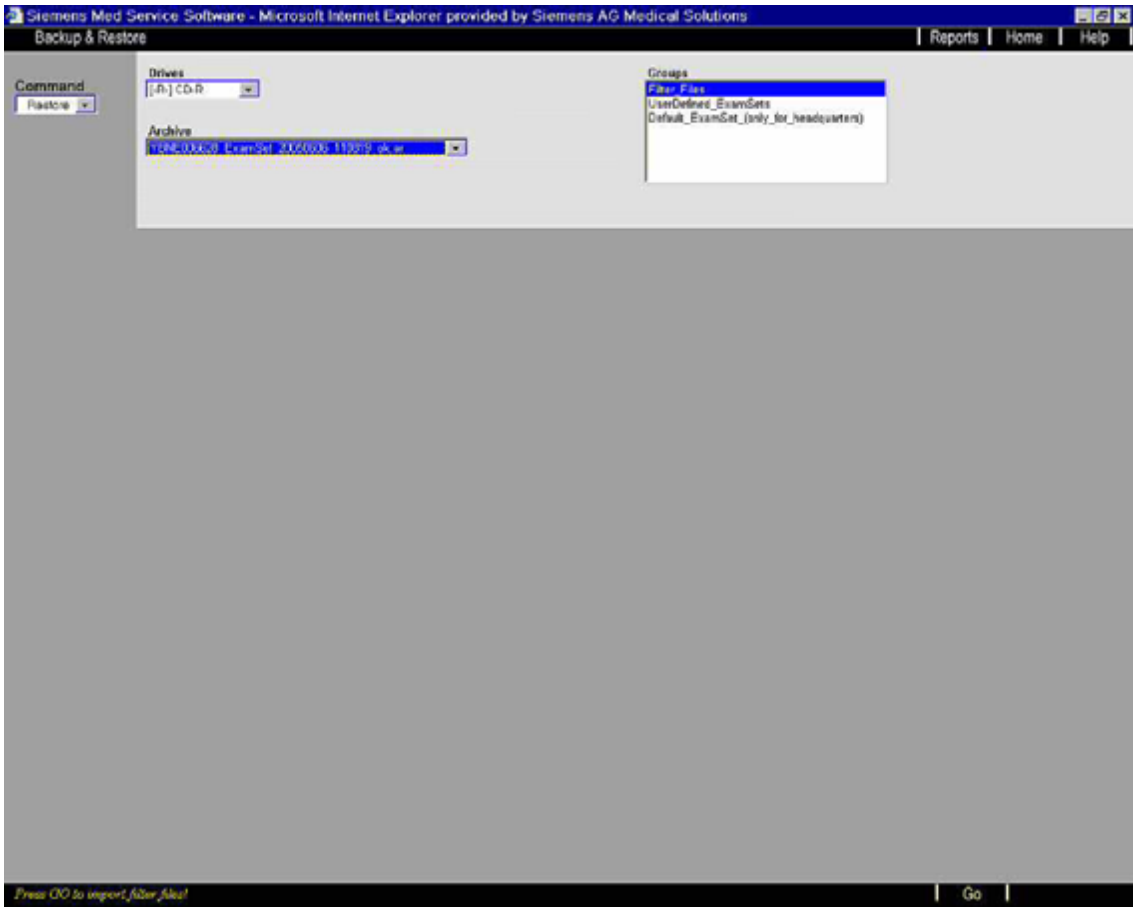


Fig. 26: Restore_ExamSet_FilterSet

- Click “Go”.

  ➪ A window appears for the selection of ExamSets.

- Click "Select all".

  - All exam sets are selected.

- Select “Import”.

  - This displays the exam sets under “Installed exam sets”.
  - If the exam set already exists under "Installed exam sets”, [update] is displayed before the exam set.
  - If the exam set does not exist already under "Installed exam sets”, [insert] is displayed before the exam set.

➪ The following image is displayed:

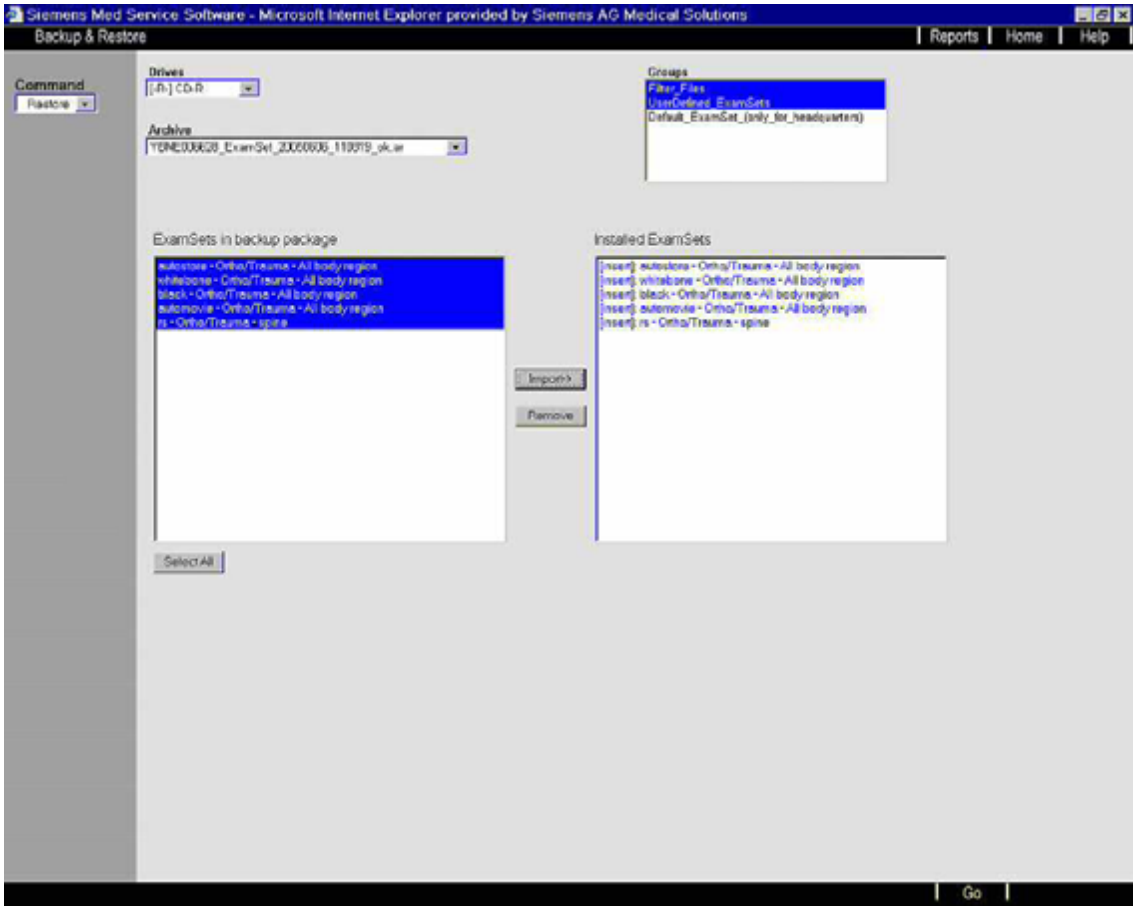


Fig. 27: Restore_ExamSet_FilterFiles_Use_Import

- Click "Go".
  ➪ The restore is performed.
- Wait until "Ready" is displayed in the footer.
  - This can take several minutes.
    ➪ The following window appears:

Microsoft Internet Explorer
A reboot is necessary to make changes valid!
Press OK to start shutdown or select Cancel.
OK
Cancel

Fig. 28: Restore_reboot

- Remove the CD from the CD-ROM drive.

NOTE

If the CD is not removed from the CD-ROM drive, there is a possibility that the system will no longer recognize the CD drive.

If this is the case, remove the CD, switch the system off, and then switch it on again.

- Click "OK".
  ➪ The imaging system reboots automatically.

Version 2: Importing or updating individual user-defined exam sets

- Select "Backup & Restore" in the Service Software Home Menu.
- Insert the backup CD into the CD-ROM drive.
- Under "Command", select "Restore".
- Under Drives", select the respective storage medium.
- Under "Archive", select the correct (newest) "Exam set" backup file.
- Highlight "User Defined ExamSets" and " Filter_Files" under "Groups".
- Click "Go".
- Click the exam set to be imported.
- Select "Import".
  - This displays the selected exam set under "Installed exam sets".
  - If the exam set already exists under "Installed exam sets", [update] is displayed before the exam set.
  - If the exam set does not exist already under "Installed exam sets", [insert] is displayed before the exam set.

- Click "Go".
- Click "Go".
  ➪ The restore is performed.
- Wait until "Ready" is displayed in the footer.
  - This can take several minutes.
    ➪ The following window appears:

Microsoft Internet Explorer
A reboot is necessary to make changes valid!
Press OK to start shutdown or select Cancel.
OK
Cancel

Fig. 29: Restore_reboot

- Remove the CD from the CD-ROM drive.

NOTE	**If the CD is not removed from the CD-ROM drive, there is a possibility that the system will no longer recognize the CD drive.** **If this is the case, remove the CD, switch the system off, and then switch it on again.**

- Click "OK".
  - ➪ The imaging system reboots automatically.

Importing the default ExamSets

NOTE	**This procedure may be carried out only upon instruction of the central office and is described separately as required.**

Security settings for systems with HIPAA configuration

NOTE

Once the security setting is imported, it can no longer be deactivated within the configuration.

In order to perform changes after importing settings, a complete reinstallation of imaging system the software is necessary.

- Select "Backup & Restore" in the Service Software Home Menu.
- Insert the backup CD into the CD-ROM drive.
- Under "Command", select "Restore".
- Under Drives", select the respective storage medium.
- Under "Archive", select the correct (newest) "Security settings" backup file.
- Highlight all the files in "Groups".
  - e.g., by pressing the “Ctrl” key and clicking the individual groups.
- Click “Go”.
  - ➪ The restore is performed.
- Wait until "Ready” is displayed in the footer.
  - This can take several minutes.
    - ➪ The following window appears:

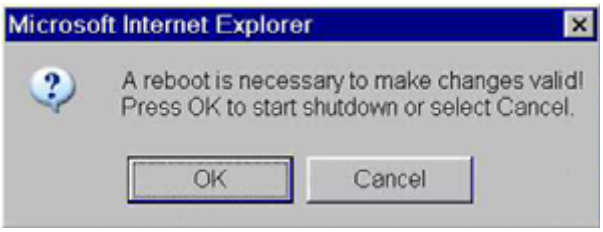

Microsoft Internet Explorer
A reboot is necessary to make changes valid!
Press OK to start shutdown or select Cancel.
OK
Cancel

Fig. 30: Restore_reboot

- Remove the CD from the CD-ROM drive.

NOTE

If the CD is not removed from the CD-ROM drive, there is a possibility that the system will no longer recognize the CD drive.

If this is the case, remove the CD, switch the system off, and then switch it on again.

- Click "OK".
  - ➪ The imaging system reboots automatically.

Main system

NOTE

A restore operation is only necessary when printed circuit board D1 in the main system was replaced or the parameters are to be overwritten.

It is not necessary to perform a restore operation or make any adjustments after an imaging system software installation or a main system software installation. The parameters are stored in EE Prom.

- Select "Backup & Restore" in the Service Software Home Menu.
- Insert the backup CD into the CD-ROM drive.
- Under "Command", select "Restore".
- Under Drives", select the respective storage medium.
- Under Archive, select the correct (newest) backup file of "MainSystem".
- Highlight all the files in "Groups".
  - e.g., by pressing the "Ctrl" key and clicking the individual groups.
- Click "Go".
  - ➪ The restore is performed.
- Wait until "Ready" is displayed in the footer.
  - This can take several minutes.

The item Restore was revised in the chapter Backup / Restore